

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q87319

Hiroshi SHINODA, et al.

Appln. No.: 10/531,265

Group Art Unit: 1745

Confirmation No.: 4661

Examiner: Unknown

Filed: April 13, 2005

For: BLOCK COPOLYMER AND USE THEREOF

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. JP 11-502249 A, published February 23, 1999 with machine generated English translation.
2. JP 10-45913 A, published February 17, 1998 corresponds to U.S. Patent No. 6,087,031.
3. JP 10-21943 A, published January 23, 1998 corresponds to U.S. Patent No. 5,985,477.

4. JP 2001-250567 A, published September 14, 2001 corresponds to U.S. Patent Application Publication Nos. 2001/0041279 A1, 2004/0220354 A1 and U.S. Patent No. 6,761,989 B2.
5. EP 1 126 537 A1, published August 22, 2001 was previously cited on PTO/SB/08 form dated April 13, 2005.
6. JP 2001-278978 A, published October 10, 2001 corresponds to U.S. Patent Application Publication No. 2001/0021764 A1 and U.S. Patent No. 6,451,921 B2.
7. K. Miyatake et al., "Synthesis and Properties of Novel Sulfonated Arylene Ether/Fluorinated Alkane Copolymers", *Macromolecules* 2001, 34, pp. 2065-2071.

One copy of each of the listed documents is submitted herewith, except for the following:

U.S. patents and/or U.S. patent publications; 6,087,031, 5,985,477, 2001/0041279, 2004/0220354, 6,761,989, 2001/0021764 and 6,451,921.

Reference 5 was previously cited on the PTO/SB/08 form dated April 13, 2005. For the Examiner's convenience, a copy is enclosed herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.


Respectfully submitted,

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WASHINGTON OFFICE

**23373**

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